



# **INTRODUCTION TO STRATEGIC PLANNING PARTNERSHIP – CAPITAL AREA GROUND WATER CONSERVATION COMMISSION AND THE WATER INSTITUTE OF THE GULF**

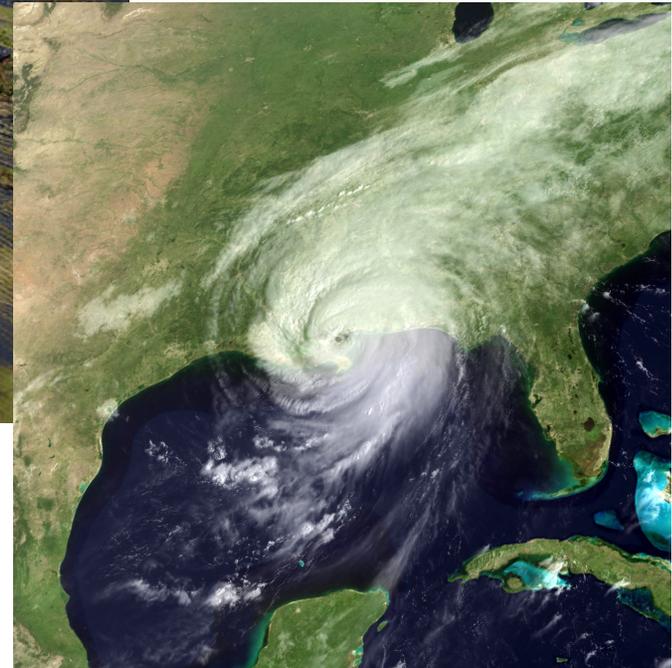
July 25, 2018  
Alyssa Dausman, PhD



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# POST-HURRICANE KATRINA



# NEW APPROACH SOUGHT

- Louisiana leaders look for new approach to water management
- Multiple trips to Netherlands and Deltares
- Determined need to set up a research institute based on Deltares model



- The Water Institute of the Gulf is a **not-for-profit, independent** research and technical services resource for resilient coasts and sustainable water systems worldwide.
- The work of the Institute helps ensure **livable communities** and a **thriving economy and environment**.

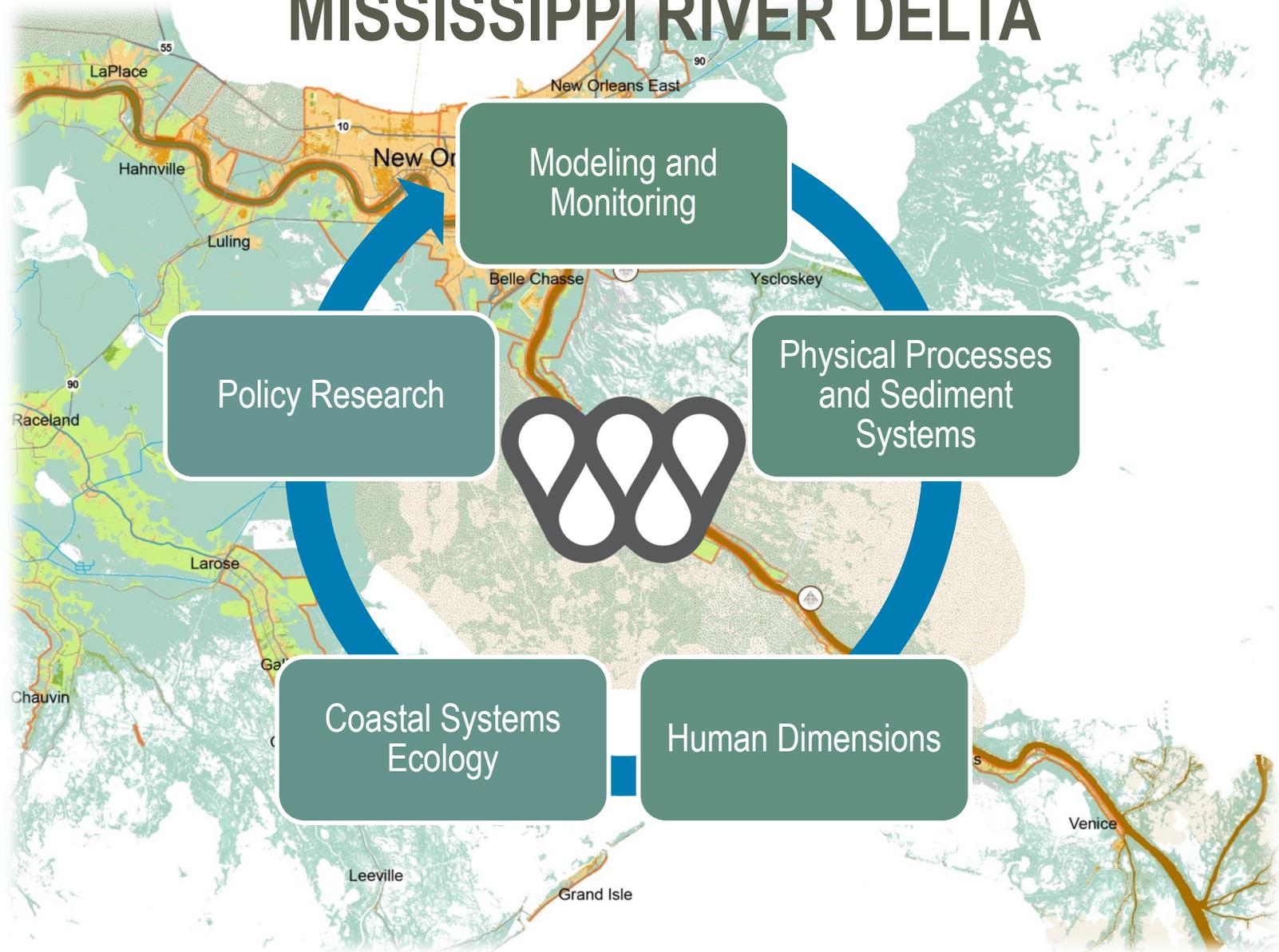
## ABOUT US

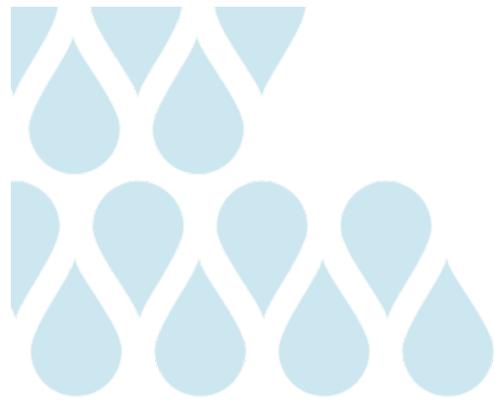


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# AN INTEGRATED APPROACH TO SOLVING THE CHALLENGES OF COASTAL LOUISIANA AND THE MISSISSIPPI RIVER DELTA





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**CAGWCC**  
**&**  
**THE WATER INSTITUTE**

Background: Strategic Long-Term Planning



# STRATEGIC LONG-TERM PLAN

## Objectives

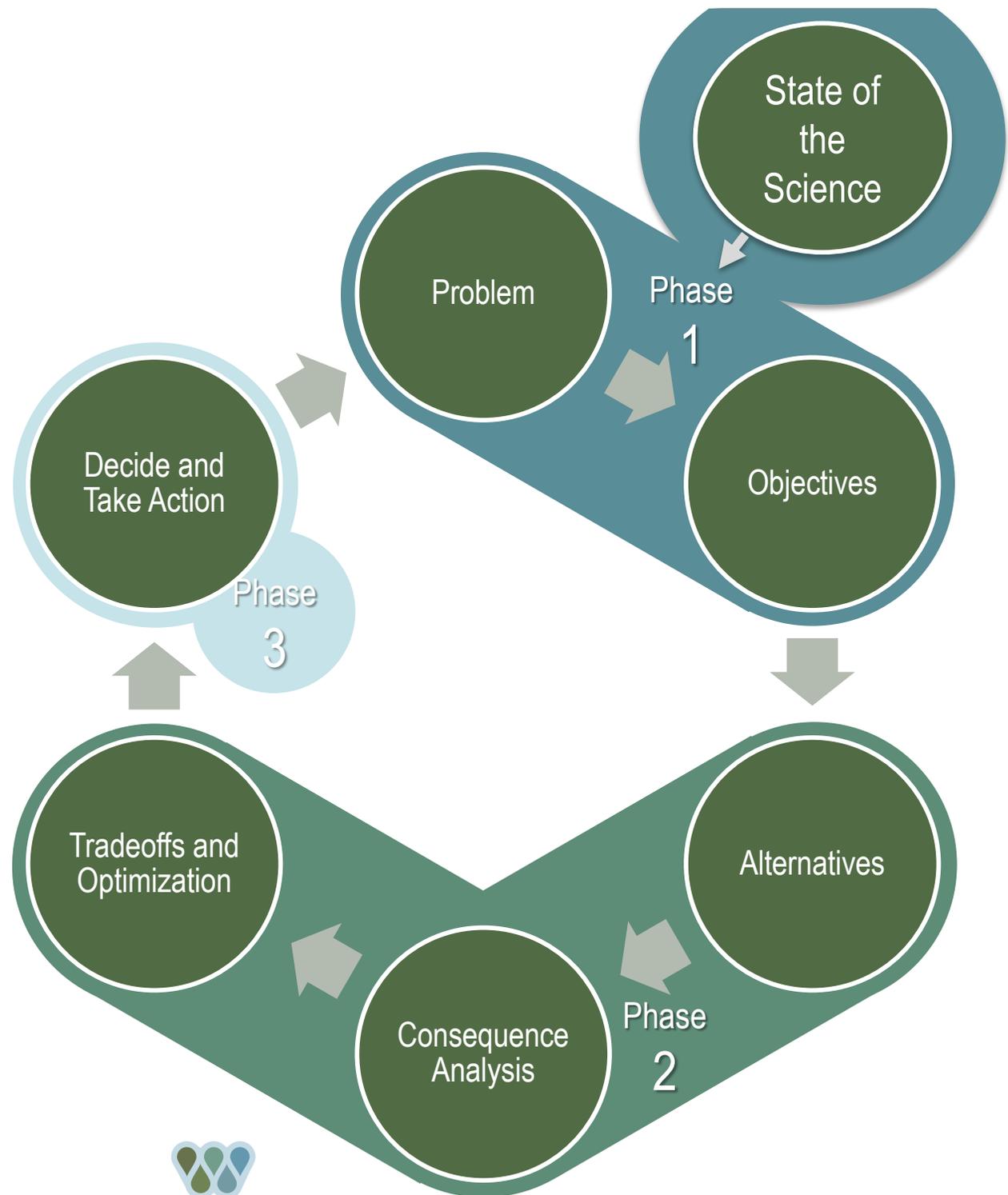
- 1: Work with the CAGWCC and other technical stakeholders to ***identify and evaluate*** feasible, realistic, and cost-effective science-based ***alternatives*** which meet long-term water resource needs.
- 2: Evaluate the ***state of the science***/information related to groundwater use and aquifer conservation needed to evaluate alternatives and inform decisions.
- 3: Work with the CAGWCC to ***identify management alternatives*** that are economically feasible and acceptable, and to ***develop a strategic plan*** for the long-term water supply for the District.



## PHASED APPROACH

### PrOACT Framework for Structuring Decisions:

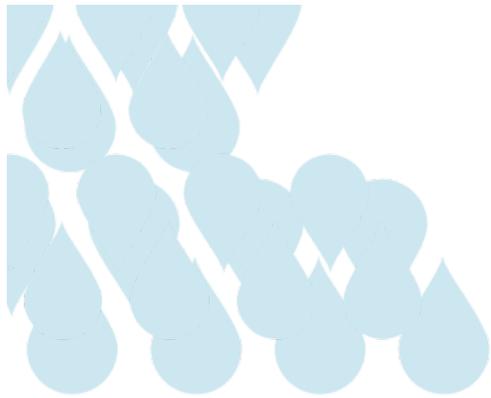
- Defining the Problem
- Determining the Objectives
- Identifying Alternatives
- Evaluating alternatives and forecasting the Consequences
- Evaluating the Trade-offs
- Making the decision and taking action



# PHASED APPROACH

- **PHASE 1: FACILITATED WORKSHOPS & SCIENTIFIC REVIEW (CURRENTLY APPROVED)**
  - Phase 1.1: Facilitated Workshops
  - Phase 1.2: Scientific Review
  - *Time: 1 year*
- **PHASE 2: ALTERNATIVES ANALYSIS**
  - Phase 2.1: Filling Gaps and Evaluate alternatives
  - Phase 2.2: Selection of alternative(s)
- **PHASE 3: LONG-TERM STRATEGIC PLAN**
  - Phase 3.1: Develop Strategic Action Plan
  - Phase 3.2: Stand up Strategic Plan Systems
  - Phase 3.3: Strategic Plan Implementation Support





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# **QUESTIONS?**

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